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WATER SUPPLY OUTLOOK FOR UTAH



U.S. DEPT. OF AGRICULTURE
SOIL CONSERVATION SERVICE
CURRENT SERIAL RECORDS

JAN 29 '76

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U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES
-- DIVISION OF WATER RIGHTS

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF
JAN. 1, 1976

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SURVEYOR ENROUTE TO THE MT. BALDY ARIZONA SNOW COURSE
SCS PHOTO AZ-5460

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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WATER SUPPLY OUTLOOK

as of

January 1, 1976

* Utah's Water Supply Outlook ranges from below average in southern *
* Utah to near average to above average in the northern part of the *
* state. Snow cover varies from 59% of average on the Virgin to *
* 126% of average on the Wasatch front above Salt Lake. Reservoir *
* storage in 23 reservoirs is 136% of average, and 12% better than *
* January 1, 1975. *

SNOW COVER

Snow measurements taken about January 1 vary from half average in southern Utah to almost 150% of average on a few courses in northern Utah.

By watersheds, snow cover is as follows: Bear River - 119%, Ogden River - 96%, Weber River - 107%, Provo River - 119%, Jordan River-Salt Lake - 126%, Tooele Valley - 133%, Duchesne River - 91%, Price River - 97%, Lower Sevier River - 85%, Upper Sevier River - 68%, and Virgin River - 59%.

These figures are an average of several snow measurements in each basin, and reflect basin snow cover at this early winter date, compared to the 1958-72, 15 year average for January 1.

PRECIPITATION

Fall precipitation in Utah's mountains was near average for the October 1 to January 1 period for most of the state. All drainages ranged from 90 to 110% of the 1958-72 average with the exception of the Upper Sevier Drainage at 77%, the Enterprise to New Harmony Drainages at 73%, and the Upper Green River Drainage at 130%. Extremes at individual precipitation stations were Orange Olsen on the San Rafael Drainage at 28% and Currant Creek on the Duchesne River Drainage at 282%.

RESERVOIR STORAGE

January 1 storage in 23 of Utah's irrigation reservoirs is 136% of the 15 year average and 12% higher than last January 1.

Bear Lake is 116% of average and only slightly higher than last year.

Pineview is a little less than last January 1, and 150% of average.

Weber Basin Reservoirs are about the same as last year on January 1, and about 150% of average.

WATER SUPPLY OUTLOOK (continued)

Sevier River storage totals 165% of average in Otter, Piute, Sevier Bridge, and Gunnison Reservoirs, and is 26% above last January 1.

Utah Lake was -0.04 feet below compromise on January 1, and releasing as fast as possible to hold the lake down. Above average inflow during December caused a rise in lake level, however.

All areas served by reservoir storage appear at this time to have adequate water supplies for next summer. Some direct flow areas may be short in southern Utah unless snow cover improves during the next two or three months.

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	1095.2	1087.5	944.4
	Woodruff Narrows	26.5	26.5	14.7	19.8b
<u>Beaver River</u>	Minersville (RkyFd)	23.3	9.3	7.8	9.6
<u>Little Bear</u>	Hyrum	15.3	10.2	10.2	9.2
	Porcupine	11.3	2.5	2.3	3.1b
<u>Ogden River</u>	Causey	6.9	1.5	1.5	2.1b
	Pineview	110.1	57.4	58.6	38.2
<u>Provo River</u>	Deer Creek	149.7	104.0	83.6	95.3
<u>Sevier River</u>	Gunnison	18.2	14.9	7.3	7.7
	Otter Creek	52.5	34.3	22.6	21.9
	Piute	71.8	27.0	- -	29.8
	Sevier Bridge	236.0	137.9	137.2	70.1
<u>Spanish Fork</u>	Strawberry	270.0	236.6	204.2	110.9
<u>Utah Lake</u>	Utah Lake	883.9	894.2	708.2	519.7
<u>Weber</u>	East Canyon	48.1	37.0	34.3	17.6
	Echo	73.9	42.4	53.5	35.3
	Lost Creek	20.0	12.8	12.3	12.0b
	Rockport	60.9	49.8	39.1	30.1
	Willard Bay	193.3	154.2	153.6	102.6b
COLORADO RIVER DRAINAGE					
<u>Ashley Creek</u>	Steinaker	33.3	24.6	14.7	17.9b
<u>Colorado</u>	Blue Mesa	829.5	533.6	476.4	- -
	Lake Powell	25002.0	20179.0	17568.0	- -
<u>Green River</u>	Flaming Gorge	3749.0	3432.0	3262.0	- -
<u>Lakefork River</u>	Moon Lake	35.8	17.0	5.7	14.5
<u>Price River</u>	Scofield	65.8	43.2	31.8	27.8
<u>San Juan</u>	Navajo	1696.0	1182.3	970.4	- -
<u>San Rafael River</u>	Huntington North	3.9	2.3	2.6	1.5b
	Joe's Valley	54.6	46.6	33.8	29.8b
	Mill Site	16.7	4.5	2.5	- -
<u>Strawberry River</u>	Starvation	165.3	141.0	70.0	- -
<u>Uintah</u>	Bottle Hollow	11.3	10.5	9.6	- -

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
NAME											
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	12/29	13	2.7	1.7	- -	12/29	- -	- -	5.36	3.35b	160
CCC Camp	12/30	22	5.0	4.4	4.9						
Hayden Fork	12/29	25	6.0	6.2	- -	12/29	- -	- -	9.68	6.00b	161
Salt River Summit	12/30	31	7.4	5.0	- -	12/30	3.75	- -	8.50	7.04	121
Stillwater Camp	12/29	21	4.5	3.6	- -	12/29	- -	- -	6.21	2.96	210
Kelly R.S.						1/7	Data Not Available				
LOWER BEAR RIVER (Below Harer, Idaho)											
Cub River R.S.	12/29	16	4.3	- -	- -						
Deer Springs*						1/7	Data Not Available - USU				
Emigrant Summit		Not Measured		10.2	9.6						
Franklin Basin*	12/29	32	10.0	11.3	- -						
Garden City Summit	12/29	30	8.5	5.3	7.5a	12/29	- -	- -	10.84	8.82b	123
Klondike Narrows*	12/29	28	7.8	8.7	7.6b	1/7	Data Not Available - USU				
Liberty Springs		Not Measured		16.1	- -						
Little Bear (lower)	1/2	23	5.7	2.3	- -						
Little Bear (upper)*	1/2	24	5.7	3.9	- -		Data Not Available				
Monte Cristo R.S.	1/2	32	9.1	9.5	- -	1/2	- -	- -	13.03	7.92b	164
Steep Hollow #1	12/29	52	16.0	16.6	14.8a						
Steep Hollow #2	12/29	35	10.5	11.3	9.6a						
Tony Grove R.S.*	12/29	19	4.5	4.4	4.6						
Willow Flat	12/29	20	6.6	7.5	- -	12/29	1.10	- -	10.32	10.05b	103
Clarkston Mountain*						1/7	Data Not Available - USU				
OGDEN RIVER											
Beaver Creek-Skunk Creek	1/2	15	5.0	6.1	- -						
Ben Lomond (lower)	1/2	23	5.9	4.8	5.5	1/2	- -	- -	13.00	11.36	114
Ben Lomond Peak*	1/2	49	15.0	13.0	13.7b	1/7	Data Not Available				
Causey Dam						1/2	- -	- -	7.95	6.49b	122
Cutler Creek		Not Measured		10.9	9.9b						
Dry Bread Pond	1/2	23	7.0	8.6	- -	1/2	- -	- -	10.82	6.87	157
Francis Canyon*						1/7	Data Not Available - USU				
Guilder's Peak*						1/7	Data Not Available - USU				
Magpie*						1/7	Data Not Available - USU				
Middle Fork Ogden*						1/7	Data Not Available - USU				
Sagebrush Flat	1/2	9	1.3	2.1	- -	1/2	- -	- -	7.57	4.86	156
WEBER RIVER											
Beaver Creek R.S.	1/2	17	3.9	2.6	3.7						
Chalk Creek #1*	12/29	38	10.0	6.9	- -						
Chalk Creek #2*	12/29	30	7.7	4.4	- -						
Chalk Creek #3	12/29	19	4.2	2.0	- -	12/29	- -	- -	8.51	- -	- -
Farmington Canyon (lower)	1/2	41	12.7	15.4	8.6b	1/2	2.69	- -	15.25	- -	- -
Farmington Canyon (upper)**	1/2	50	15.6	17.0	11.9b						
Farmington Guard Station						1/2	2.98	- -	17.27e	- -	- -
Hardscrabble*						1/7	Data Not Available				
Horse Ridge	1/2	30	7.1	8.2	- -	1/2	- -	- -	12.22e	8.96b	136
Kilfore Creek	1/2	28	6.3	5.2	- -						
Lost Creek Reservoir	1/2	9	2.1	1.9	- -	1/2	- -	- -	4.63e	3.87b	120
Park City Summit	1/7	65	21.2	15.5	- -						
Parleys Canyon Summit	12/29	32	9.2	10.1	7.5	12/29	- -	- -	12.34	10.22	121
Redden Mine (lower)	1/2	30	7.7	6.3	- -						
Redden Mine (upper)		Snow Course Discontinued				1/2	- -	- -	12.83	- -	- -
Sargeant Lakes*						1/7	Data Not Available				
Smith & Morehouse	1/7	31	6.2	4.1	6.4	1/7	- -	- -	11.48	8.36	257
PROVO RIVER & UTAH LAKE											
Camp Altamont	1/6	30	8.1	5.3	6.3						
Clear Creek #1	1/5	31	8.5	6.1	- -						
Clear Creek #2	1/5	29	7.3	4.2	- -	1/5	- -	- -	7.90	- -	- -
Clear Creek #3	1/5	18	3.6	2.6	- -						
Dutchman R.S.	1/6	33	8.2	7.5	- -		Raingage Molested				8.27b
Packard Canyon	1/7			3.7	- -						
Payson R.S.	12/31	38	9.4	6.4	7.0	12/31	- -	- -	10.05	8.21	122
Rock Bridge	12/31	32	6.6	4.4	4.8						
Soapstone	1/2	22	5.0	4.8	5.2	1/2	- -	- -	8.22	7.06	116
South Fork R.S.	1/6	17	3.5	4.4	2.4						

SNOW

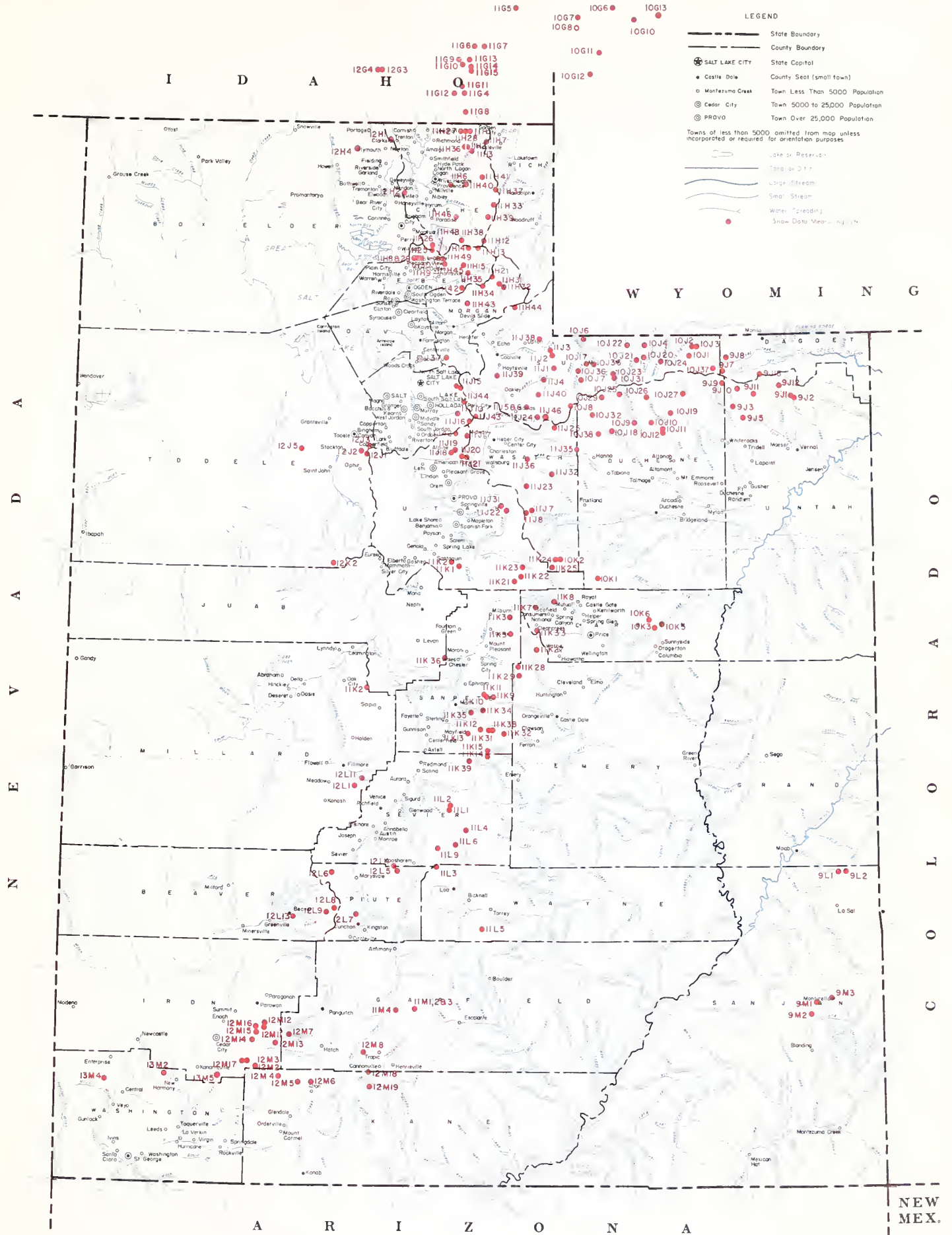
DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
PROVO RIVER & UTAH LAKE (continued)											
Timpanogos Cave Camp	1/6	11	2.0	2.1	0.9b						
Timpanogos Divide	1/6	42	12.4	7.0	10.2	1/6	- -	- -	12.40	11.98	104
Hobble Creek	1/7			4.8	- -						
Trial Lake	1/2	36	9.2	8.4	10.5	1/2	- -	- -	10.60	10.07	105
Beaver Divide	1/2	22	4.6	- -	- -						
JORDON RIVER & SALT LAKE											
Bevan's Cabin	12/30	24	5.5	- -	- -						
Deseret Peak						1/2	3.10	- -	- -	- -	- -
Lambs Canyon	12/29	29	8.4	7.9	5.8b						
Lambs Canyon #2	12/29	29	7.8	7.3	- -	12/29	- -	- -	9.09	- -	- -
Middle Canyon - Tooele	12/29	25	7.6	6.0	5.7	12/29	- -	- -	7.05	7.28b	97
Mill Creek	12/31	36	9.4	9.2	- -						
Mill D South Fork	12/31	30	8.6	9.3	7.3						
Silver Lake (Brighton)	12/31	40	11.5	8.2	9.9	12/31	2.99	4.80	12.30	12.44	99
Vernon Creek	12/29	16	4.2	2.8	- -	12/29	- -	- -	5.66	- -	- -
Snowbird				17.0a	- -						
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	12/23	16	3.0	3.4	- -	12/23	- -	- -	4.49	3.74	120
Bryce Canyon	12/29	8	1.2e	2.8	1.9						
Castle Valley	12/29	15	3.8	3.6	- -	12/29	- -	- -	3.28	4.68	70
Duck Creek R.S.	12/29	16	3.8	3.7	5.2	12/29	- -	- -	4.80	8.37	57
Farview		Not Measured		.7	- -						
Harris Flat	12/29	8	2.3	1.6	3.9						
Kimberly Mine	12/30	21	5.2	3.8	5.3b	12/30	- -	- -	7.61	7.46	102
Midway Valley	12/29	18	4.7	7.2	8.9	12/29	- -	- -	5.10	- -	- -
Panguitch Lake	12/29	6	1.6	.5	- -	12/29	1.55	- -	2.50	2.87	87
Rainbow Point		Not Measured		2.7	- -						
Squaw Springs	12/23	8	1.2	1.0	- -						
Widtsøe Escalante Summit	12/24	10	2.2	2.5	3.1						
Widtsøe Escalante #2	12/24	13	2.3	3.2	4.1						
Widtsøe Escalante #3	12/24	20	4.0	3.6	5.1b	12/24	2.46	- -	3.99	6.56	61
Widtsøe R.S.						12/24	0.80	- -	1.57	2.91	54
LOWER SEVIER RIVER (Including San Pitch)											
Beaver Dams	12/30	14	2.9	3.9	4.2	12/30	- -	- -	4.60	5.42	85
Farnsworth Lake	12/23	25	6.2	6.9	7.3	12/23	- -	- -	6.65	8.22	81
G.B.R.C. Headquarters	12/31	30	5.6	5.7	6.2	12/31	1.80	- -	8.42	7.90	107
G.B.R.C. Majors						12/31	1.15	- -	4.42	- -	- -
G.B.R.C. Meadows	12/31	35	8.3	10.0	9.5	12/31	2.05	- -	8.59	9.80	88
G.B.R.C. Oaks						12/31	1.15	- -	5.82	5.40	108
Gooseberry R.S.	12/23	19	4.4	4.4	4.7	12/24	- -	- -	8.50	7.99	106
Mammoth R.S.-Cottonwood Crk	12/29	26	6.8	7.3	7.7	12/29	- -	- -	9.60	8.09b	119
Mt. Baldy R.S.	12/30	25	6.8	9.2	8.8	12/30	- -	- -	5.45	8.24b	66
Pickle Keg Springs	12/22	19	4.5	5.7	- -	1/2	- -	- -	6.60	- -	- -
Pine Creek		Not Measured		6.0	- -						
Shingle Mill	1/6	28	5.6	3.5	3.8b	1/6	- -	- -	7.86	6.31	125
BEAVER RIVER											
Beaver Canyon Power House						12/31	1.03	- -	2.88	4.12	70
Beaver Race Track	12/31	0	0.0	0.0	- -						
Big Flat	12/31	19	4.2	4.9	- -	12/31	- -	- -	5.88	4.86	121
Merchant Valley (upper)	12/31	17	3.2	3.4	- -	12/31	- -	- -	4.55	4.26	107
Otter Lake	12/31	18	3.7	4.1	- -						
PAROWAN CREEK											
Birch Crossing	12/29	12	3.0	2.3	- -						
Brian Head	12/29	30	8.3	7.5	9.5						
Ed Ward Flat	12/29	13	3.1	2.6	- -						
Tall Poles	12/29	17	4.0	4.7	- -	12/29	- -	- -	5.80	6.46a	90
Yankee Reservoir	12/29	15	3.0	3.2	- -	12/29	- -	- -	4.65	3.95	118
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy	12/29	5	1.6	1.0	- -	12/29	- -	- -	2.65	4.40	60
Long Flat	12/29	9	2.7	2.0	- -	12/29	- -	- -	3.07	3.48	88

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>COAL CREEK</u>											
Cedar City Golf Course		Not Measured	0.0	- -							
SUSC Ranch	12/29	10	3.2	1.5	- -						
<u>COLORADO RIVER BASIN</u>											
<u>UPPER GREEN RIVER - UTAH</u>											
Blacks Fork Junction	12/29	17	3.0	3.3	- -	12/29	- -	- -	5.47	2.23b	245
Burnt Creek	12/24	12	2.5	0.7	- -	12/24	- -	- -	4.75	4.94b	96
East Fork Blacks Fork G.S.	12/29	17	3.1	3.8	- -	12/29	- -	- -	5.27	5.54	95
Grizzly Ridge	12/24	19	4.3	3.4	- -	12/24	- -	- -	6.00	6.96b	86
Hewinta G.S.	12/29	17	2.9	3.5	- -	12/29	- -	- -	5.98	2.45	244
Hickerson Park	12/29	17	3.6	1.2	- -	12/29	- -	- -	4.77	2.59a	184
Highline Trail	12/29	25	5.4	4.2	- -						
Kings Cabin (lower)	12/29	17	3.3	3.0	- -						
Kings Cabin (upper)	12/29	20	4.1	3.0	- -	12/29	- -	- -	5.57	3.56b	156
Spirit Lake	12/29	22	4.5	4.2	- -	12/29	- -	- -	5.30	4.94b	107
Steel Creek Park	12/29	32	7.2	6.7	- -						
<u>DUCHESNE RIVER</u>											
Brown Duck Ridge	1/2	30	7.0	- -	- -	1/2	- -	- -	6.12e	- -	- -
Currant Creek	12/24	18	3.8	2.9	- -	12/24	4.93	- -	6.15	2.18	282
Daniels-Strawberry Summit	12/24	22	5.6	3.6	6.0	12/24	5.49	- -	7.71	8.13	95
East Portal	12/29	19	4.0	2.5	4.4b	12/29	1.21	- -	4.84	8.92	54
Indian Canyon	1/2	19	3.8	5.2	5.2	1/2	- -	- -	4.25	6.71b	63
Lakefork Mountain*	12/30	17	3.6	4.2	- -	12/30	- -	- -	5.40	3.11	174
Lakefork Mountain #2		Not Measured	2.6	- -	- -						
Lakefork Mountain #3	12/30	13	2.6	1.4	- -						
Mosby Mountain	12/30	16	3.4	3.5	4.6	12/30	- -	- -	5.04	5.15a	98
Paradise Park	12/30	22	5.9	5.3	5.8	12/30	- -	- -	6.31	8.30	76
Rock Creek Ranch	12/30	10	1.9	2.4	- -	12/30	- -	- -	5.77	2.18	265
Strawberry Divide	12/29	29	7.6	5.6	7.4b						
Trout Creek	12/29	22	4.9	2.0	- -	12/29	- -	- -	5.32e	- -	- -
Lake Basin	1/2	33	8.9	- -	- -	1/2	- -	- -	2.90	- -	- -
Jackson Park	12/30	22	4.5	- -	- -	12/30	Data Not Available				
<u>PRICE RIVER</u>											
Dry Valley (Alternate)	12/30	18	4.0	- -	- -						
Dry Valley Divide	12/30	20	4.1	2.8	4.2b						
Gooseberry Reservoir	12/29	24	6.9	6.6	7.2b	12/29	- -	- -	8.80	7.99	110
Jones Ranch	12/30	14	3.6	1.3	2.6b						
Mud Creek #2	12/30	19	4.2	4.0	5.4b	12/30	- -	- -	4.95	6.56	75
White River #1	12/31	24	4.2	- -	- -	12/31	- -	- -	6.35	4.46	142
White River #2	12/31	20	3.5	- -	- -						
White River #3	12/31	16	2.9	- -	- -						
<u>SAN RAFAEL RIVER</u>											
Buck Flat	12/31	17	3.6	5.9	- -	12/31	- -	- -	5.50	5.68	97
Orange Olsen	12/30	0	0.0	.8	- -	12/30	- -	- -	0.80	2.81a	28
Red Pine Ridge	12/30	20	4.8	6.3	- -	12/30	- -	- -	6.40	6.32	101
Rush Pond	12/31	15	2.9	5.4	- -						
Upper Joes Valley	12/30	13	2.5	3.6	- -						
Wrigley Creek	12/31	15	2.8	3.9	- -	12/31	- -	- -	4.15	- -	- -
Stuart R.S. (Old)	12/30	12	2.2	- -	- -	12/30	- -	- -	4.40	3.94	112
Stuart R.S. (New)	12/30	14	3.0	- -	- -	12/30	- -	- -	4.05	- -	- -
<u>MUDDY RIVER</u>											
Blacks Fork	12/29	16	3.6	3.8	- -						
Dills Camp	12/29	12	2.8	3.4	- -	12/29	- -	- -	4.15	3.93a	106
<u>FREMONT RIVER</u>											
Blacks Flat-U.M. Creek	12/22	15	2.6	3.9	- -	12/22	- -	- -	3.90	3.69	106
Fish Lake	12/22	10	1.7	1.3	- -	12/22	- -	- -	2.84a	2.56b	111
Johnson Valley	12/22	10	1.6	1.2	- -						
<u>SOUTHEASTERN UTAH DRAINAGES</u>											
Buckboard Flat	12/30	24	7.9	5.3	- -	12/30	- -	- -	6.30	7.43	85
Camp Jackson	12/30	19	5.9	6.2	- -	12/30	- -	- -	5.90	6.68b	88
LaSal Mountain (lower)	1/5	19	3.9	4.0	- -						
LaSal Mountain (upper)	1/5	25	4.9	5.7	- -	1/5	- -	- -	6.40	5.45	117

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
SOUTHEASTERN UTAH DRAINAGES (continued)											
Monticello City Park	1/5	8	1.5	.8	- -						
VIRGIN RIVER											
Kolob Crystal	12/29	20	5.5	7.1	- -						
Long Valley Junction	12/29	0	0.0	0.0	1.6						
Webster Flat	12/29	17	4.8	5.4	6.6b	12/29	- -	- -	5.93	8.50	70
a - Partly Estimated						* - USU-SCS Cooperative Radio Reading					
b - Average of all past record - less than 15 years						** - SCS Radio Reading					
+ - 1958-72 15 year average period											



INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
GREAT BASIN DRAINAGE																				
UPPER BEAR RIVER (above Harer, Idaho)																				
10G11	W	Big Park	7	27N	12W	8,700	1118P	U	Timpagosa Cave Camp	27	4S	2E	5,500	10J13P	U	Takewaga Peak	23	1N	11E	9,800
10J16P	U	Burtis-Miller Ranch	19	3N	10E	7,900	1121P	U	Timpagosa Divide	33	4S	3E	8,140	9J12op	U	Windy Park	1	1S	20E	9,400
10G7	W	CCC Camp x	29	29N	18W	7,500	10J8P	U	Jordan	3	2S	9E	9,800							
10J36p	U	Hold Hill	11	1N	9E	10,000														
10J7P	U	Hayden Fork	25	1N	9E	9,400														
10G12	W	Kelly Ranger Station	13	30N	16W	8,200														
10G17S	W	Labarge Guard Station x	26	26N	16W	9,000														
10J35p	U	Lily Lake	34	2N	4E	9,300														
10J35p	U	Monte Cristo R. S.	14	8N	4E	8,960														
10J12P	U	Piney Labarge x	11	20N	14W	8,500														
10G10	W	Salix Meadows x	32	29N	18W	7,900														
10G18	W	Snake River Summit x	29	29N	18W	7,900														
10G13MP	U	Snyder Basin	15	29N	15W	8,400														
10J17P	U	Sniderwater Camp	32	2N	10E	8,550														
LOWER BEAR RIVER (below Harer, Idaho)																				
11H37p	U	Bug Lake	18	11N	5E	7,950	12K2P	U	Vernon Creek	21	10S	5W	7,500							
11H36p	U	Bugchpass	5	13N	3E	8,400														
11G11	U	Christensen Ranch	27	13S	41E	5,600														
11H38p	U	Cinnamon Creek	5	8N	3E	7,300	12L4P	U	Box Creek	33	26S	2W	9,800							
12H1P	U	Clarkston Mountain	29	14N	2W	6,300	12M8	U	Byce Canyon	36	36S	4W	8,000							
11G12	U	Cub River Ranger Station	15	15S	41E	5,300	12M13P	U	Castle Valley	23	36S	8W	9,700							
11H33P	U	Curtis Creek	12	10N	4E	8,450	12M4P	U	Duck Creek R. S.	11	38S	8W	8,700							
11H39p	U	Deer Springs	34	10N	4E	8,400	12M8	U	Farview Flat	32	37S	4W	8,200							
11G14a	U	Dry Basin	30	13S	42E	7,400	12M9	U	Hart Flat	24	28S	1E	11,700							
11G14	U	Dry Creek Flat	21	12S	42E	7,350	11L9P	U	Kimberly Mine	34	25S	1E	11,700							
11G15	U	Engel's Summit	21	12S	42E	7,350	12L6P	U	Midway Valley	11	27S	5W	9,300							
11G17	U	Franklin Basin	24	12S	42E	6,500	12M2M	U	Midway Valley	26	37S	9W	9,800							
11G8MP	U	Franklin Basin	1	16S	41E	8,000	12M7P	U	Panguitch Lake	4	36S	7W	8,200							
11H7MP	U	Garden City Summit	34 & 35	14N	4W	7,600	12M19	U	Rainbow Paint	29	38S	4W	9,100							
12H2P	U	George Peak	4	13N	4W	9,000	12L5	U	Squaw Springs	3	27S	2W	9,300							
11H40p	U	Herd Hollow	24	11N	2W	6,400	11M4P	U	Wildhoe R. S.	22	34S	2W	7,600							
11G15a	U	Horsehoe Basin	11	13S	42E	8,000														
11H1MP	U	Kandotte Narrows	30	14N	3E	7,400														
11G13	U	Liberty Springs	17	18N	4E	6,700	11K11P	U	Farnsworth Lake	27 & 33	23S	2E	9,900							
11H41P	U	Little Bear (lower)	22	8N	1E	6,550	11K10	U	G.B.R.C. Headquarters	21	17S	4E	8,700							
11H25P	U	Little Bear (upper)	22	8N	1E	6,550	11K10	U	G.B.R.C. Meadows	26 & 27	17S	4E	10,000							
11H6	U	M. Logan	3	11N	2E	9,000	11K12P	U	Gooseberry R. S.	22	23S	2E	8,400							
12G3	U	Oxford Mountain	32	13S	37E	6,800	11K2M	U	Memmoth R. S. -Cottonwood Creek	13	13S	5E	9,800							
11H46p	U	Paradise Canyon	36	10N	2E	7,650	11K24	U	Madison R. S.	19	18S	4E	9,500							
11G5	U	Slug Creek Divide	15	10S	44E	7,225	11K12P	U	Madison R. S.	19	18S	4E	9,500							
11H27	U	Steep Hollow #1	7	14N	3E	8,500	11K2P	U	Oak Creek	9	17S	3W	7,740							
11H28	U	Steep Hollow #2	9	14N	3E	7,700	11K39PS	U	Pickle Keg Springs	4	21S	3E	9,600							
11G9	U	Strawberry Mink Divide	9	13S	41E	5,800	12L1PS	U	Pine Creek	24	22S	4W	8,700							
11G10	U	Stony Grove Lake	14	13S	41E	9,800	11K36	U	Rees's Flat	20	22S	2E	7,300							
11H34	U	Tony Grove Ranger Station	11	13N	3E	6,550	12L11P	U	Shingle Mill	5	22S	3W	6,200							
11H41	U	Trident Springs	29	12N	4E	7,600	11K35	U	Thistle Flat	23	18S	3E	8,500							
11G4P	U	Willow Flat	2	15S	41E	6,100														
OGDEN RIVER																				
11H14M	U	Beaver Creek-Slunk Creek	22	8N	3E	7,150	12L7PS	U	Beaver Race Track	23	29S	7W	6,020							
11H8P	U	Ben Leonard Peak	1	7N	1W	8,000	12L9PS	U	Big Flat	18	29S	4W	10,290							
11H30P	U	Ben Leonard (lower)	3	7N	1W	6,000	12L8P	U	Merchant's Valley	8 & 9	29S	5W	8,200							
11H35p	U	Ben Leonard Trail	2	7N	1W	6,000														
11H29	U	Causey Dam	34	7N	3E	5,500														
11H13MP	U	Guller Creek	3	7N	1W	6,780	12M16	U	PAROWAN CREEK	23	35S	9W	8,100							
11H34p	U	Dry Bread Pond	19	8N	4E	8,280	12M14	U	Birch Crossing	10	36S	9W	10,000							
11H34p	U	Guidler's Peak	21	6N	4E	9,050	12M12	U	Brian Head	17	35S	9W	8,300							
11H42p	U	Magpie	29	9N	2E	8,400	12M15P	U	Ed Ward Flat	26 & 35	35S	9W	8,800							
11H41P	U	Magpie	16	7N	2E	8,400	12M11P	U	Tail Poles	20	35S	8W	8,700							
11H48	U	Podder Fork Ogden	1	7N	2E	8,250														
11H49	U	Podder Mountain Hikeaway	1	7N	1E	8,400														
11H15P	U	Podder Mountain Sundown	21	7N	3E	6,300														
WEBER RIVER																				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500	13M4MP	U	ENTERPRISE TO NEW HARMONY DRAINAGES	15	38S	17W	6,100							
11J1P	U	Chalk Creek #1	4	1N	8E	9,100	13M2MP	U	Long Flat	2	38S	14W	8,000							
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	7,900														
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500	12M17	U	COAL CREEK	18	37S	9W	8,200							
11J12P	U	Farmington Canyon (lower)	14	3N	1E	6,950														
11J11PS	U	Farmington Canyon (upper)	26	3N	1E	8,000														
11H44a	U	Francis Canyon	29	5N	6E	7,400														
11J45	U	East Shingle Lake	6	3N	10W	9,800														
11J27p	U	Hardscrabble	16	2N	2E	6,500														
11J28	U	Hoodoo Knoll	22	3N	4E	8,350														
11H37P	U	Killee Ridge	20	6N	5E	7,300														
11H31P	U	Killee Ridge	1	6N	5E	7,300														
11H32P	U	Loft Creek	27	6N	5E	6,125														
11J43	U	Loft City Summit	20	2S	4E	9,300														
11J15PT	U	Parley's Canyon Summit	15	3E	7,500															
11J38p	U	Parcupine	22	3N	7E	8,100														
11J6	U	Redden Mine (lower)	1	2S	6E	8,500														
11J3p	U	Redden Mine (upper)	1	2S	6E	9,000														
11J39p	U	Sergeant Lakes	17	1N	5E	8,400														
11J40p	U	Shingle Mill Flat	15	1S	7E	7,900														
11J4P	U	Smith & Morehouse	25	1N	7E	7,600														
PROVO RIVER & UTAH LAKE																				
11J20	U	Camp Altamont	29	4S	3E	7,300														
11K21	U	Clear Creek Ridge #1	18	11S	6E	9,200														
11K22P	U	Clear Creek Ridge #2	19	11S	6E	8,000														
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600														
11J22P	U	Durhamton R.S.	27	2S	6E	7,560														
11J26P	U	Laboe Creek Summit	36	4S	6E	9,100														
11J31P	U	Packard Canyon	21	7S	5E	6,400														
11K1P	U	Payson R.S.	30	10S	2E	8,050														
11K2	U	Rock Bridge	14	10S	2E	6,750														
11J25P	U	Saltstone Fork R. S.	3	3S	8E	7,100														
11J19	U	Southern Fork R. S.	24	4S	2E	6,100														
COLORADO RIVER DRAINAGE																				
UPPER GREEN RIVER IN UTAH (above Duchesne River)																				
9J11aP	U	Ashley Twin Lakes	20	1S	19E	10,500														
10J21P	U	Black's Fork G.S. -East Fork	23	2N	12E	9,300														

Agencies Cooperating in Utah Snow Surveys

U. S. GOVERNMENT AGENCIES

U. S. Department of Agriculture
Soil Conservation Service
Forest Service
U. S. Department of Commerce
NOAA, National Weather Service
U. S. Department of Interior
Bureau of Reclamation
Geological Survey
National Park Service

STATE AGENCIES

Utah State University
Utah Fish and Game Department
Utah State Department of Natural
Resources, Division of Water Rights
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner

MUNICIPALITIES

Manti
Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

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